



Properties

Houses	1	
Stores / pump rooms	30	
Machineries	17	
Water tanks	7	
Hoses	150 km	
Vineyards	432	+22,6 ha
Fruit-bearing trees/wainuts	1.280	
Olive trees	26.431	
Beehive	236	
Small animals (chickens, rabbits, etc.)	175	
Pigs	34	
Sheep and goats	226	

Forces (taken part)

According to the statistical "fire report":

Firefighters	: 1.230
Armed forces	: 1.000
Voluntaries	: 200
Engines	: 75
Transporting Vehicles	: 5
Hand tools	: 1.100
Heavy machineries	: 41
Aircrafts (CL 215, CL 415)	: 10
Helicopters	: 9

Cost

Only for the aerial means $\approx 4.000.000$ €/day

$10 \text{ h/day} * 19 \text{ aircrafts} * 11.000 \text{ €/h (fuel)} = 2.090.000$ €/day

+

service, leasing, Cost of personnel, etc. \approx

$\approx 4.000.000$ €/day

*

4 days \approx

$\approx 16.000.000$ €

Cost of

- Ground forces
- Heavy means Leasing,
- Fuel for all ground engines and machineries
- Feeding
- Fine of personnel, etc.

Errors in Prevention

- Inexistent forest management (no cultivation, no degreasing biomass/forest fuels)
- Incomplete Cleaning (safety zones, forestry roads)

Errors in Extinction

- Lack of immediate response (during the first 10')
- Lack of substantial work at the fire front (on the line)
- Lack of coordination of air and ground means.
- Lack of use burn out and backfire
- Failure to secure/guard the fire perimeter after the fire extinction.

Results

- **Environmental Cost** (requires 30-40 years to be restored)
- **Cost of extinction**
- **Cost of loss of ecosystems**
 - a. Loss of goods (wood products, N.T.F.P.)
 - b. Loss of services (retention – ground protection, crop protection, retention, storage and cleaning of water, etc)
 - c. Loss of functions (setting of gass, climate, water, animal shelter, etc)
- **Recovery Costs**

Recovery Cost

- Works of soil and water retention

734,158 km	Log erosion barrier
8,292 km	Κλαδοπλέγματα
3,468 m ²	Wood dam

- **Reforestation works** (wherever the nature fails, after 3 years)

